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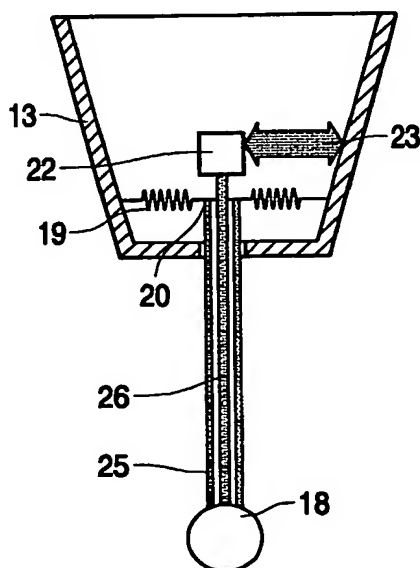
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(54) Title: A COORDINATE MEASURING DEVICE AND A METHOD FOR MEASURING THE POSITION OF AN OBJECT



(57) Abstract: A coordinate measuring device having a probe for contacting the object (15) to be measured. The probe comprises a sensing member (18) for contacting the object (15), a support unit (13), a supporting element (25) connecting said sensing member (18) to said support unit (13), a detection member (22), detection means (23) for detecting the position of said detection member (22). Said detection member (22) is carried by a connection element (26) and said connection element (26) is attached to said sensing member (18). The detection member may be shaped as pyramid having three reflective surfaces. The position of the detection member can be determined by using three fibers for illuminating the surfaces and three detector screens for capturing the reflected light.